How to use SensiMedia for Salmonella Detection

1. General Description
   This SensiMedia is designed to detect the presence of *Salmonella* isolated from other microorganisms such as *Citrobacter*, *E.coli*, *Enterobacter* and *Klebsiella*.

2. Detection Procedure
   **Add sample**
   1) Open a cap of SensiMedia and add 1 to 3g of sample and mix.
   2) Open a cap and put sensor in and close a cap.
   3) Place it in an incubator.

   ![Add sample diagram]

   **Incubate Temperature**
   Incubate the sample added SensiMedia at 40 degrees C.

3. Detection Criteria
   The performance characteristic of liquid medium is shown in graph below. Refer to it and set up a protocol for the test. If the color of CO₂ sensor turns into yellowish transparent, *Salmonella* is detected. If the color of sensor remains in dark blue, detection is negative.

![SML004 Salmonella SensiMedia Performance Characteristic [40 ℃ incubation]]
Note) Color of broth

When the sensor tuned into yellow, *salmonella* is detected. The color of broth becomes orange to red if salmonella is predominant.